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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

I hereby certify that this transmittal of the below described document is being deposited with the United States Postal Service in an envelope bearing First Class Postage and addressed to the Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450, on the below date of deposit.

Date of Deposit:	01/23/2007	Name of Person Making the Deposit:	Savanah Woodd	Signature of the Person Making the Deposit:	
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In re Application of: Hiroyuki OGAWA, et al.

Serial No.: 10/823,970

Examiner: HOANG, Quoc Dinh

Filed: 04/13/2004

Art Unit: 2818

Confirmation No.: 5318

For: SEMICONDUCTOR DEVICE HAVING A PAD METAL LAYER AND A LOWER METAL LAYER THAT ARE ELECTRICALLY COUPLED, WHEREAS APERTURES ARE FORMED IN THE LOWER METAL LAYER BELOW A CENTER AREA OF THE PAD METAL LAYER

**Mail Stop AF Amendment**  
**Commissioner for Patents**  
**P.O.Box 1450**  
**Alexandria, VA 22313-1450**

**AFTER FINAL AMENDMENT TRANSMITTAL**

1. Transmitted herewith is a Amendment for this application

☒ Transmitted herewith is a response to an office action for the above identified patent application.  
( 9 Sheets)  
Transmitted herewith are sheets of formal drawings  
Transmitted herewith is  
Other

2. Applicant is other than a small entity

**Extension of Term**

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply.

(a) ☐ Applicant petitions for an extension of time under 37 C.F.R. 1.136  
(fees: 37 C.F.R. 1.17(a)-(d) for the total number of months checked below:)

<u>Extension</u>	<u>Fee</u>
<input type="checkbox"/> one month	\$ 120.00
<input type="checkbox"/> two months	\$ 450.00
<input type="checkbox"/> three months	\$ 1,020.00
<input type="checkbox"/> four months	\$1,590.00

**Fee \$0.00**

If an additional extension of time is required, please consider this a petition therefor.

(b) ☒ Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the

need for a petition for extension of time.

### Fee Calculation

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

(for other than a small entity)					
Fee Items	Claims Remaining After Amendment	Highest Number of Claims Previously Paid For	Present Extra Claims	Fee Rate	Total
Total Claims	5	- 20 =	0	x \$50.00	\$0.00
Independent Claims	1	- 3 =	0	x \$200.00	\$0.00
Multiple Dependent Claim Fee (one or more, first added by this amendment)				\$260.00	
<b>Total Fees</b>					<b>\$0.00</b>

### PAYMENT OF FEES

5. The full fee due in connection with this communication is provided as follows:
- ☒ The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No.: 23-0085.  
A duplicate copy of this authorization is enclosed.
- ☐ Check No. \_\_\_\_\_ in the amount of **\$0.00**
- ☐ Charge any fees required or credit any overpayments associated with this filing to Deposit Account No.: 23-0085.

Please direct all correspondence concerning the above-identified application to the following address:

**WAGNER, MURABITO & HAO LLP**  
Two North Market Street, Third Floor  
San Jose, California 95113  
(408) 938-9060

Customer Number: **61754**

Respectfully submitted,

Date: January 23, 2007

By: Reginald A. Ratliff  
Reginald A. Ratliff  
Reg. No. 48, 098



Response Under 37 CFR § 1.116  
Expedited Procedure

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	)	
Appl. No. : 10/823,970	)	Confirmation No. 5318
Applicant : OGAWA, et al.	)	
Filed : 13 April 2004	)	
Art Unit : 2818	)	
Examiner : Hoang, Quoc Dinh	)	
Attorney :	)	
Docket No. : SPSN-AF01215	)	
	)	
For: SEMICONDUCTOR DEVICE HAVING	)	
A PAD METAL LAYER AND A LOWER METAL	)	
LAYER THAT ARE ELECTRICALLY	)	
COUPLED, WHEREAS APERTURES ARE	)	
FORMED IN THE LOWER METAL LAYER	)	
BELOW A CENTER AREA OF THE PAD	)	
METAL LAYER	)	
	)	

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION

Dear Sir:

In response to the Office Action dated October 31, 2006, Applicants respectfully request reconsideration of the above-identified patent application. Please consider the following amendments and remarks for allowance of the above-identified patent application.